

VU Research Portal

Advances in hippocampal atrophy measurement in dementia

Henneman, W.J.P.

2009

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Henneman, W. J. P. (2009). *Advances in hippocampal atrophy measurement in dementia: Beyond diagnostics*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

CONTENTS

CHAPTER 1	INTRODUCTION 11
CHAPTER 2	MRI BIOMARKERS OF VASCULAR DAMAGE AND ATROPHY PREDICTING MORTALITY IN A MEMORY CLINIC POPULATION 21
CHAPTER 3	CLINICAL SIGNIFICANCE OF PATIENT SELECTION IN ALZHEIMER'S DISEASE USING BASELINE MRI 41
CHAPTER 4	DIAGNOSTIC IMAGING OF PATIENTS IN A MEMORY CLINIC SETTING: A SIDE-BY-SIDE COMPARISON OF MRI AND 64-MULTI-DETECTOR ROW CT 59
CHAPTER 5	HIPPOCAMPAL ATROPHY RATES IN ALZHEIMER'S DISEASE: ADDED VALUE OVER WHOLE BRAIN VOLUME MEASURES 81
CHAPTER 6	BASELINE CSF P-TAU LEVELS INDEPENDENTLY PREDICT PROGRESSION OF HIPPOCAMPAL ATROPHY IN ALZHEIMER'S DISEASE 101
CHAPTER 7	THE PILOT EUROPEAN ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE (E-ADNI) OF THE EADC 119
CHAPTER 8	DISCUSSION 141

LIST OF ABBREVIATIONS |152

CURRICULUM VITAE |154

LIST OF PUBLICATIONS |155

NEDERLANDSE SAMENVATTING|156

DANKWOORD|161